Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 30 Mar 2023 until 23:59 on Friday 31 Mar 2023

Forecast Issued on Thursday 30 Mar 2023 at 03:20

Confidence: High for the unsettled setup, but medium for cloud and shower detail.

Headline for Thursday 30 Mar 2023: Cloudy with rain at first. Skies brightening with the chance of heavy showers.

Mountain weather hazards on Thursday 30 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy rain showers	Heavy rain showers	Heavy rain showers	Sunny intervals	Cloudy
Precipitation probability					
50%	30%	40%	30%	20%	20%

Forecast for Thursday 30 Mar 2023

Weather: Cloudy at first with occasional rain and drizzle. Skies then brightening with cloud lifting and breaking somewhat, although this will allow the odd heavy shower to develop, with a risk of hail and thunder. Showers easing from late afternoon to leave a mainly dry evening, although cloud thickening during the evening with rain arriving towards midnight.

Chance of cloud-free hill tops above 600m: 40% at first, becoming 90% in the afternoon, then becoming 40% again during the evening.

Low cloud and visibility: Extensive cloud, base 400 to 600m at first and again during the evening, lifting and breaking above the summits for the afternoon, although possibly still reaching the higher summits in any heavy showers. Visibility often good or very good, but moderate or poor in rain or showers, and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 30 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/35 W	23/28 SW	22/30 SW	22/30 SW	14/20 SW	14/22 S	15/22 SE
300	20/26 W	17/22 SW	19/28 SW	18/25 SW	10/16 SW	12/21 S	13/22 SE
Valley	12/27 W	10/20 SW	12/27 SW	12/25 SW	7/17 SW	7/20 S	9/20 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	6/1	8/3	8/4	8/4	7/3	6/2
300	7/3	8/4	10/7	11/8	10/8	9/7	8/5
Valley	8/4	9/7	11/8	12/9	11/9	9/7	9/6
Freezing Level*	1400m	1400m	1600m	1600m	1600m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly on the tops in the wind, mainly during the morning with wind easing during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 30 Mar 2023	11mm	15.6mm	15.6mm

Forecast for Friday 31 Mar 2023

Weather: Cloudy and overcast with outbreaks of rain and drizzle.

Maximum wind: East or Northeast 20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 30%

Low cloud and visibility: Extensive cloud, base 300 to 500m. Often lower cloud bases in the east of the Park. Visibility moderate to very poor, occasionally good lower down.

Temperature: **Valleys:** Plus 6 Celsius rising to 11 Celsius
At 600m: Plus 5 or 6 Celsius
Freezing level: Above the summits

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